

FIG 1

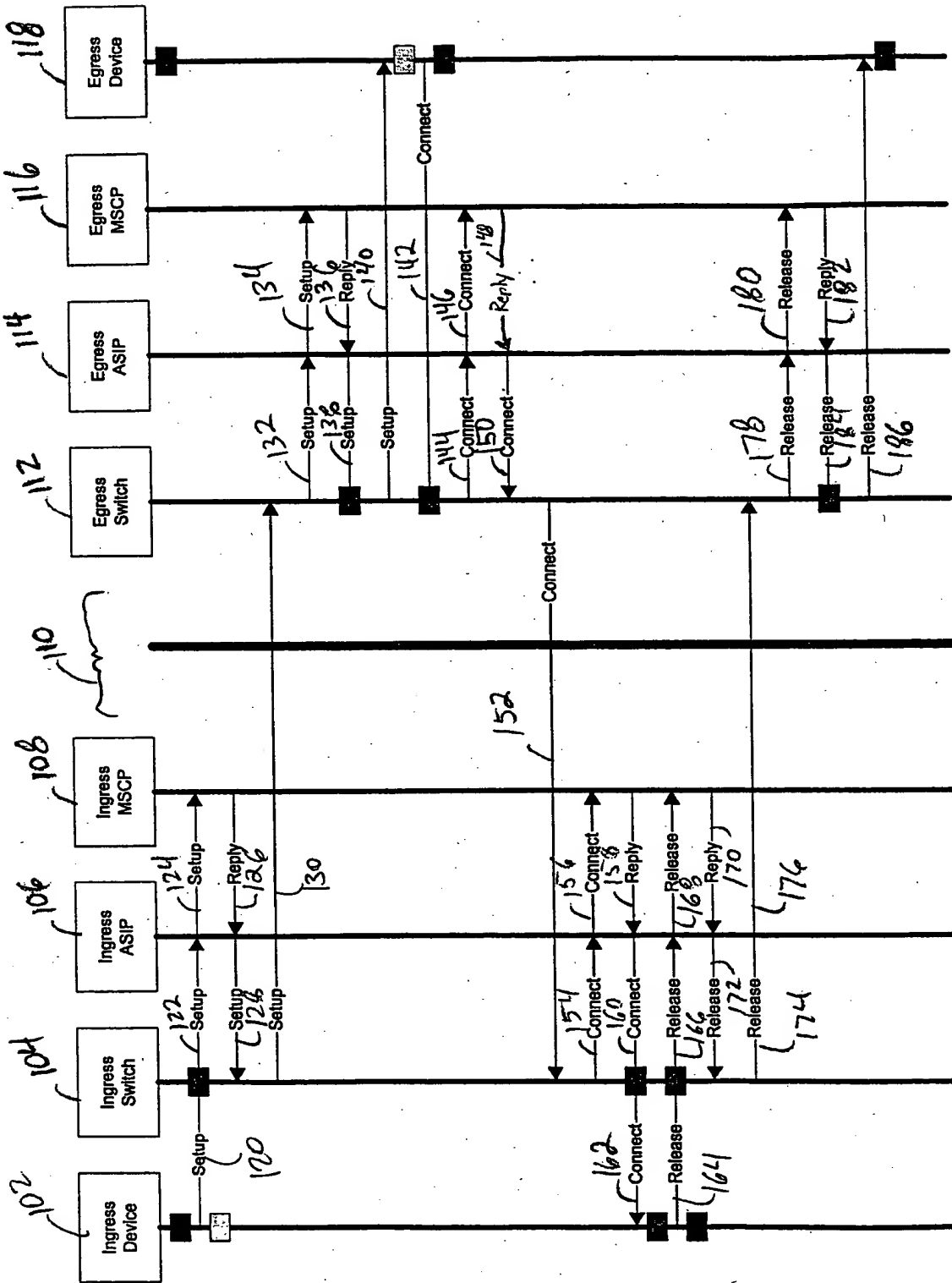


FIG 2

300

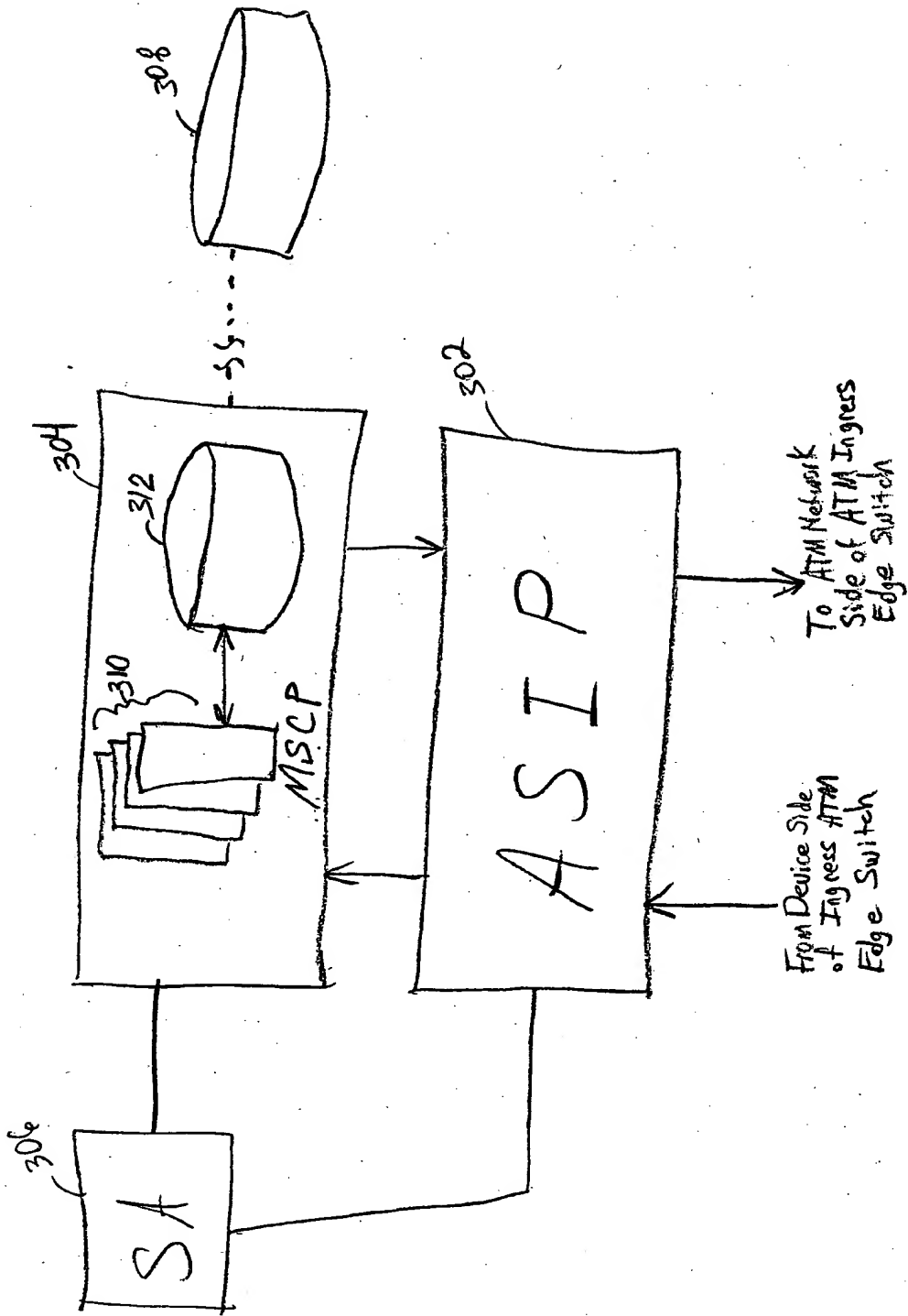
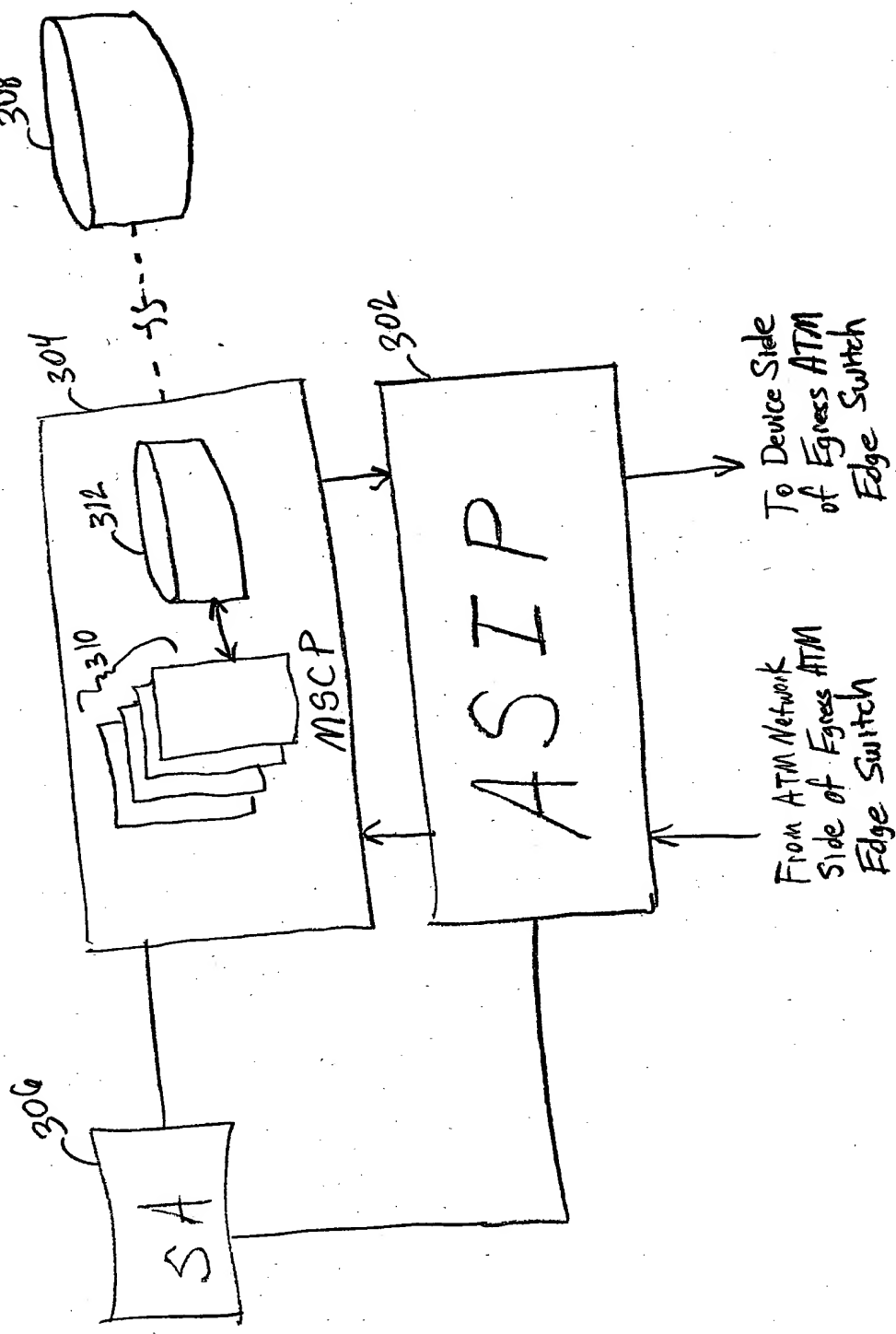


FIG 3

FIG. 1



F1G4

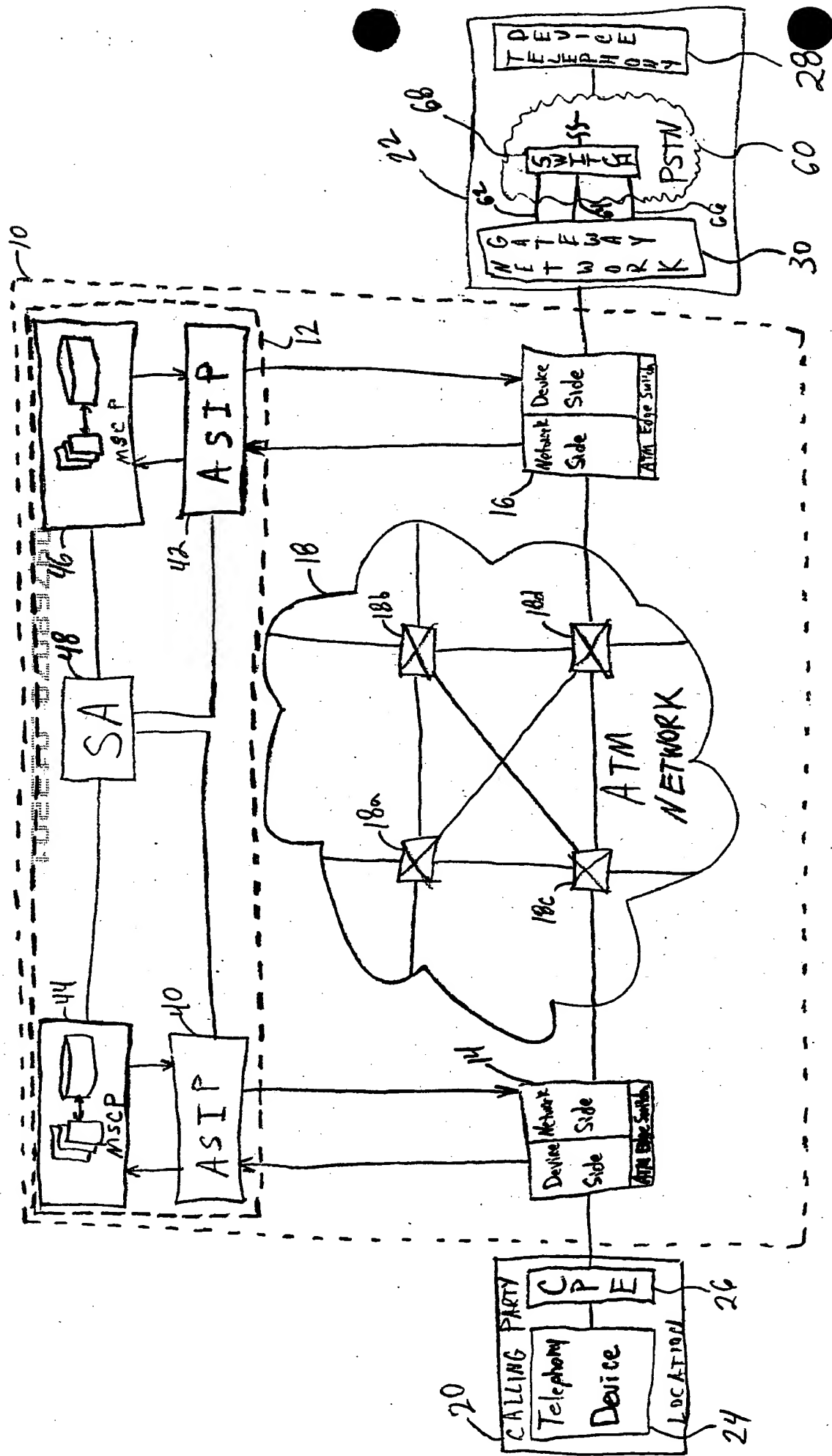


FIG 5

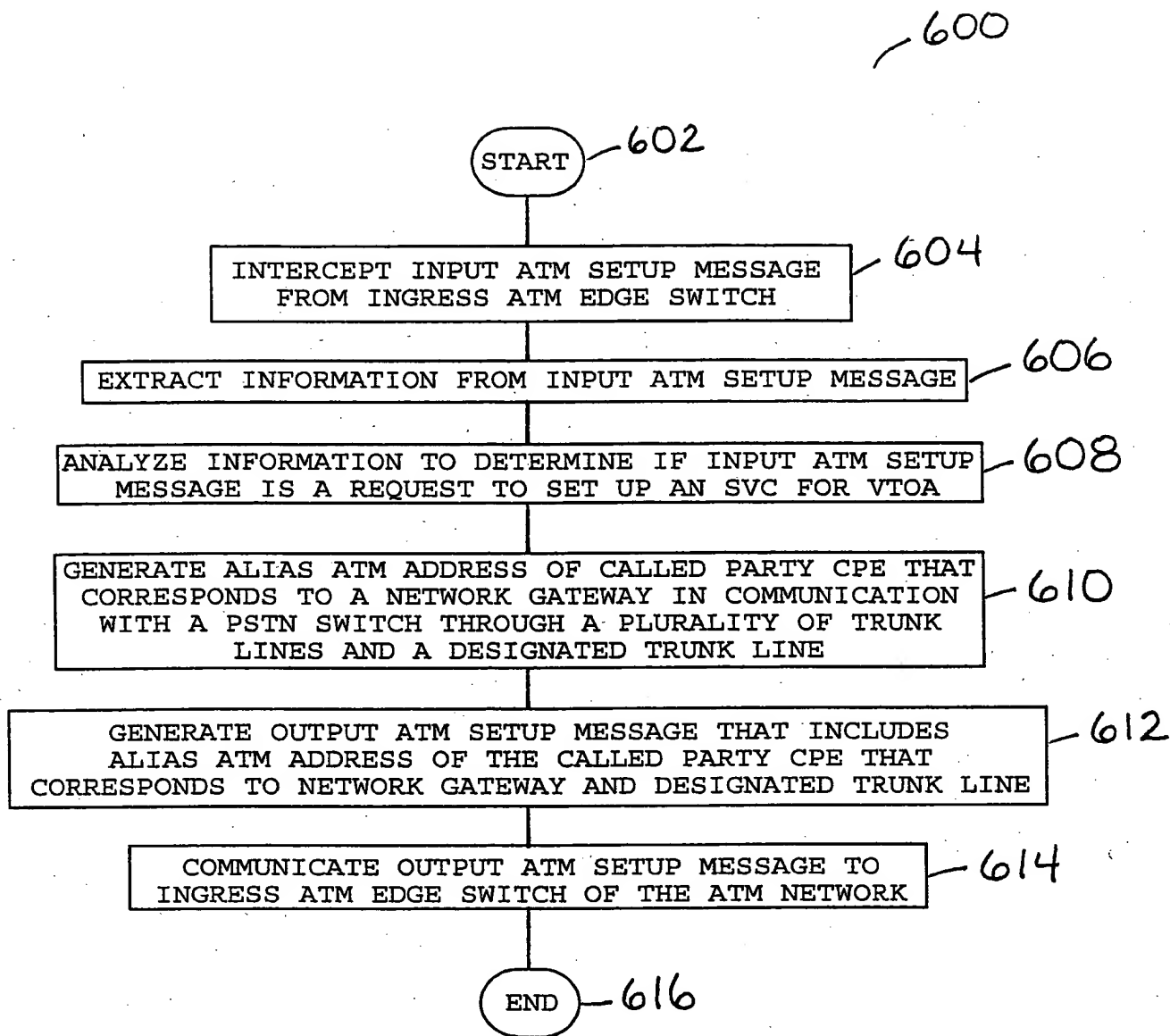


FIG. 6

START

RECEIVE REQUEST AT INGRESS CPE TO MAKE VTOA CALL
THAT INCLUDES A CALLED PARTY PHONE NUMBER VALUE

GENERATE INPUT ATM SETUP MESSAGE AT CPE THAT INCLUDES
CALLED PARTY PHONE NUMBER AND VTOA DESIGNATOR STORED IN
DESIGNATED PARAMETERS OF INPUT ATM SETUP MESSAGE

RECEIVE THE INPUT ATM SETUP MESSAGE AT
INGRESS ATM EDGE SWITCH

INTERCEPT INPUT ATM SETUP MESSAGE FROM
INGRESS ATM EDGE SWITCH

EXTRACT INFORMATION FROM THE INPUT ATM SETUP MESSAGE THAT INCLUDES VTOA DESIGNATOR AND CALLED PARTY PHONE NUMBER

ANALYZE INFORMATION TO DETERMINE IF VTOA DESIGNATOR IS PRESENT

GENERATE ALIAS ATM ADDRESS OF CALLED PARTY CPE THAT
CORRESPONDS TO A NETWORK GATEWAY IN COMMUNICATION WITH
A PSTN SWITCH THROUGH A PLURALITY OF TRUNK LINES AND A
DESIGNATED TRUNK LINE USING THE CALLED PARTY PHONE NUMBER

GENERATE OUTPUT ATM SETUP MESSAGE THAT INCLUDES ALIAS ATM ADDRESS OF THE CALLED PARTY CPE THAT CORRESPONDS TO NETWORK GATEWAY AND DESIGNATED TRUNK LINE, AND CALLED PARTY PHONE NUMBER

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COMMUNICATE OUTPUT ATM SETUP MESSAGE TO
INGRESS ATM EDGE SWITCH OF THE ATM NETWORK

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A

FIG. 7A

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graph TD
    A((A)) --> 722[RECEIVE OUTPUT ATM SETUP MESSAGE AT EGRESS ATM EDGE SWITCH]
    722 --> 724[INTERCEPT OUTPUT ATM SETUP MESSAGE FROM  
EGRESS ATM EDGE SWITCH OF THE ATM NETWORK]
    724 --> 726[EXTRACT EGRESS INFORMATION FROM OUTPUT ATM SETUP  
MESSAGE THAT INCLUDES ATM ADDRESS OF CALLED PARTY CPE]
    726 --> 728[COMMUNICATE OUTPUT ATM SETUP MESSAGE  
TO EGRESS ATM EDGE SWITCH]
    728 --> 730[COMMUNICATE OUTPUT ATM SETUP MESSAGE  
TO CALLED PARTY CPE]
    730 --> 732[SELECT TRUNK LINE TO ESTABLISH  
COMMUNICATIONS BETWEEN CALLED PARTY CPE AND  
PSTN SWITCH BASED ON THE ALIAS ATM ADDRESS]
    732 --> 734((END))

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FIG. 7B